

(REV. 8-83) Patent and Trademark Office

Atty. Docket No.  
ENZ-5(D8)(C2)

Serial No. 08/486,569

INFORMATION DISCLOSURE CITATION  
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Applicants: Dean L. Engelhardt et al.

Filed: June 7, 1995

Group: 163



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## U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE     | NAME         | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|------------------|-----------------|----------|--------------|-------|-----------|----------------------------|
| AM               | 3 9 0 6 0 3 1   | 09/16/75 | Carpino      |       |           |                            |
|                  | 4 1 1 9 5 2 1   | 10/10/78 | Chirikjian   |       |           |                            |
|                  | 4 1 5 1 0 6 5   | 04/24/79 | Kaplan       |       |           |                            |
|                  | 4 3 1 8 8 4 6   | 03/09/82 | Khanna       |       |           |                            |
|                  | 4 3 7 3 0 7 1   | 02/08/83 | Itakura      |       |           |                            |
|                  | 4 3 7 5 4 0 1   | 03/01/83 | Catsimpoilas |       |           |                            |

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| <del>5 9 4 4 6 4 8</del>  | <del>3/84</del> | <del>Japan</del> |       |           |                    |
| <del>5 9 9 8 1 0 0</del>  | <del>5/84</del> | <del>Japan</del> |       |           |                    |
| <del>5 9 1 2 6 2 52</del> | <del>7/84</del> | <del>Japan</del> |       |           |                    |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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| AM            | Maxam, A.M. and Gilbert, W., "Sequencing End-Labeled DNA with Base-Specific Chemical Cleavages," <u>Methods in Enzymology</u> 65:499-559 (1980)  |
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| EXAMINER      | DATE CONSIDERED  |
| Andin Mascher | 10-5-01  |

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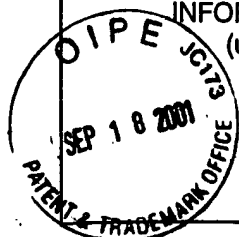
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|---------------------|-----------------|----------|-----------|-------|--------------|---------------------------------------|
| AM                  | 4 4 0 1 7 9 6   | 08/30/83 | Itakura   |       |              |                                       |
|                     | 4 4 1 5 7 3 2   | 11/15/83 | Caruthers |       |              |                                       |
|                     | 4 4 7 4 9 4 8   | 10/02/84 | Hudson    |       |              |                                       |
|                     | 4 4 8 3 9 6 4   | 11/20/84 | Urdea     |       |              |                                       |
|                     | 4 5 0 0 7 0 7   | 02/19/85 | Caruthers |       |              |                                       |
|                     | 4 5 1 7 3 3 8   | 05/14/85 | Urdea     |       |              |                                       |

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|---------------------------|-----------------|------------------|-------|--------------|----------------------------|
| <del>6 0 1 6 1 5 59</del> | <del>8/85</del> | <del>Japan</del> |       |              |                            |
| <del>6 0 2 4 2 3 68</del> |                 | <del>Japan</del> |       |              |                            |
| 2 1 5 3 3 5 6             | 8/85            | UK               |       |              |                            |

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|---------------------|-----------------|----------|-----------|-------|--------------|---------------------------------------|
| AM                  | 4 5 3 4 6 4 7   | 08/13/85 | Gross     |       |              |                                       |
|                     | 4 5 9 8 0 4 9   | 07/01/86 | Zelinka   |       |              |                                       |
|                     | 4 6 6 7 0 2 5   | 05/19/87 | Miyoshi   |       |              |                                       |
|                     | 4 6 6 8 7 7 7   | 05/26/87 | Caruthers |       |              |                                       |

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|-----------------|-------|---------|-------|--------------|----------------------------|
| 8 3 0 3 2 6 0   | 9/83  | WIPO    |       |              |                            |
| 8 6 0 6 7 2 6   | 11/86 | WIPO    |       |              |                            |

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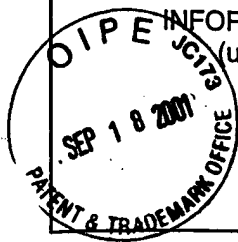
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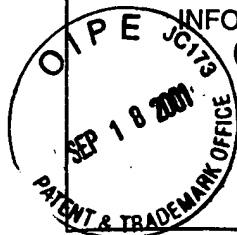
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|---------------------|-----------------|----------|-------|-------|--------------|---------------------------------------|
| AM                  | 4 7 5 7 1 4 1   | 07/12/88 | Fung  |       |              |                                       |
|                     | 4 8 4 9 5 1 3   | 07/18/89 | Smith |       |              |                                       |
|                     | 4 8 5 5 2 2 5   | 08/08/89 | Fung  |       |              |                                       |
|                     | 4 9 4 8 8 8 2   | 08/14/90 | Ruth  |       |              |                                       |
|                     | 5 0 1 5 7 3 3   | 05/14/91 | Smith |       |              |                                       |
|                     | 5 1 1 8 8 0 0   | 06/02/92 | Smith |       |              |                                       |

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|-----------------|-------|---------|-------|--------------|----------------------------|
| 8 6 0 7 3 6 1   | 12/86 | WIPO    |       |              |                            |
| 0 0 6 8 8 7 5   | 1/83  | EPO     |       |              |                            |

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| J        | Gilbert W., "DNA Sequencing and Gene Structure," <u>Science</u> 214(18):1305-1312 (1981)  |
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*Andi Marshall*

10-5-01

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| AM                  | 5 1 1 8 8 0 2   | 06/02/92 | Smith     |       |              |                                       |
|                     | 5 1 6 2 6 5 4   | 11/10/92 | Kostichka |       |              |                                       |
|                     | 5 1 7 1 5 3 4   | 12/15/92 | Smith     |       |              |                                       |
|                     | 5 2 1 2 3 0 4   | 05/18/93 | Fung      |       |              |                                       |
|                     | 5 2 5 8 5 3 8   | 11/02/93 | Fung      |       |              |                                       |

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| 0 0 7 0 6 8 7   | 1/83  | EPO     |       |              |                            |
| 0 0 9 0 7 8 9   | 10/83 | EPO     |       |              |                            |
| 0 0 9 7 3 4 1   | 1/84  | EPO     |       |              |                            |

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| AM       | Maxam, A.M. and Gilbert, W., "Sequencing End-Labeled DNA with Base-Specific Chemical Cleavages," <u>Methods in Enzymology</u> 65:499-504 (1980)       |  |
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|---------------------|-----------------|----------|--------|-------|--------------|---------------------------------------|
| AM                  | 5 3 6 6 8 6 0   | 11/22/94 | Bergot |       |              |                                       |
| AM                  | 5 5 4 1 3 1 1   | 07/30/96 | Ruth   |       |              |                                       |
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| AM                  | 0 2 6 1 2 8 3             | 3/88 | EPO              |       |              |                            |
|                     | <del>4 9 1 2 6 3 95</del> |      | <del>Japan</del> |       |              |                            |
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